



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/635,121
Filing Date	August 6, 2003
First Named Inventor	Carolyn I. Duty
Art Unit	
Examiner Name	
Attorney Docket Number	4020-005

Sheet 1 of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
T.M.		US- 584,870	06/22/1897	Giugliano	
		US- 954,840	04/12/1910	Wiedemann	
		US- 1,606,107	10/10/1922	Simms	
		US- 1,636,838	07/26/1927	Roser	
		US- 1,729,318	07/20/1927	Wunderlich	
		US- 4,170,282	10/09/1979	Schwartzstein	
		US- 4,206,835	06/10/1980	Shapiro	
		US- 4,436,189	03/13/1984	Baum	
		US- 4,854,431	08/08/1989	Pulichino, Jr et al	
		US- 5,044,699	09/03/1991	Duty	
		US- 5,046,860	09/10/1991	Brennan	
		US- 5,938,336	08/17/1999	King	
T.M.		US- 6,206,224	03/27/2001	Potts et al.	
		US-			
		US-			
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		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

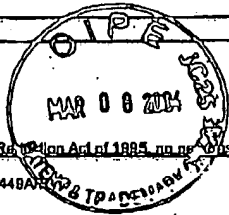
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	T. Mai	Date Considered	09-27-04
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PTO/SB/08a (05-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Application Number	10/635,121
Filing Date	August 6, 2003
First Named Inventor	Carolyn I. Duty
Art Unit	3727
Examiner Name	
Attorney Docket Number	4020-005

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ¹ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
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FOREIGN-PATENT DOCUMENTS

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		GM 80 17 740	01/08/81	(not translated)		

Examiner
Signature

T. M.

Date
Considered

09/27/04

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